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(21) International Application Number: PCT/US99/28616 (22) International Filing Date: 3 December 1999 (03.12.99) (30) Priority Data: 60/110,865 4 December 1998 (04.12.98) US (71) Applicant (for all designated States except US): E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): CAHOON, Rebecca, E. [US/US]; 2331 West 18th Street, Wilmington, DE 19806 (US). LEE, Jian-Ming [CN/US]; 10 Chestnut Place, Nutley, NJ 07110 (US). TAO, Yong [CN/US]; 101-8 Thorn Lane, Newark, DE 19711 (US). (74) Agent: BEARDELL, Lori, Y.; E.I. Du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).		(81) Designated States: AE, AL, AU, BA, BB, BG, BR, CA, CN, CR, CU, CZ, DM, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ZA, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: PLANT 1-DEOXY-D-XYLULOSE 5-PHOSPHATE REDUCTOISOMERASE		
(57) Abstract <p>This invention relates to an isolated nucleic acid fragment encoding an isopentenyl diphosphate biosynthetic enzyme. The invention also relates to the construction of a chimeric gene encoding all or a portion of the isopentenyl diphosphate biosynthetic enzyme, in sense or antisense orientation, wherein expression of the chimeric gene results in production of altered levels of the isopentenyl diphosphate biosynthetic enzyme in a transformed host cell.</p>		